

# 321 BROGDON ROAD

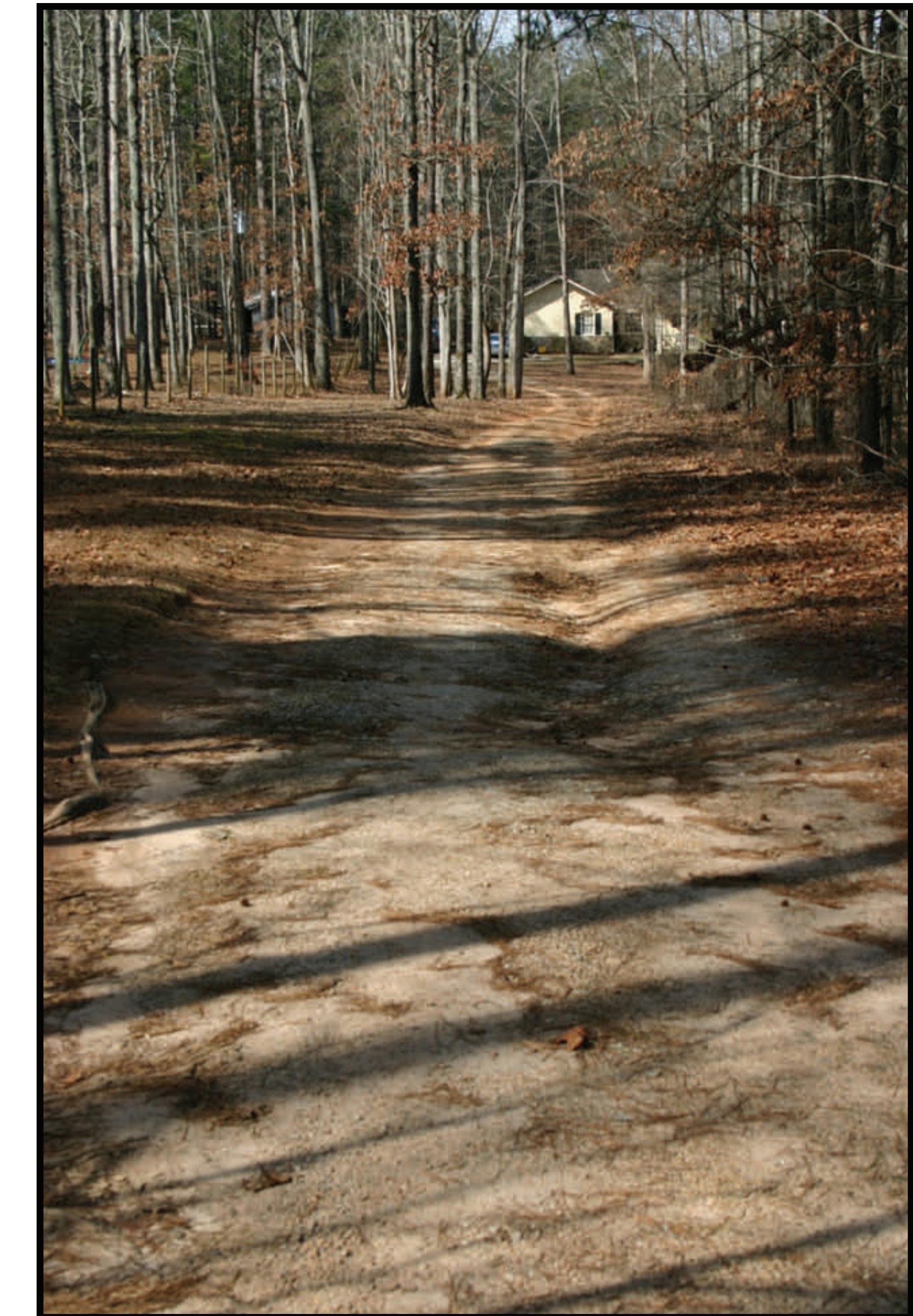


CLOGGED CULVERT



- One end of the driveway culvert is crushed and the other end is plugged by debris not allowing proper drainage.
- Stormwater runoff would be lessened if more gravel were placed on the bare driveway.
- If neighbor's grass, immediate left, was allowed to grow taller runoff velocity from the adjacent pasture would be greatly reduced.

• The county will attempt to open the crushed end and clean out debris inside the culvert.



# 178 MILAM ROAD

- An open culvert allows stormwater to flow from beneath road to adjacent property.
- The out-flow area is stable with a significant amount of vegetation and no erosion.
- The water then flows to the rear of property where weaker soils are eroding away causing deep channels to form.



## ACROSS THE STREET

Stormwater washes out the gravel road onto the property to the left. Debris drifts to the home site and clogs the drainage ditch.

- We suggested to that he install some riprap (large stone) in the channels to slow the water down and prevent further erosion.
- We will have a crew excavate and rework drainage in the right-of-way for better drainage.



# 150 CRABAPPLE ROAD



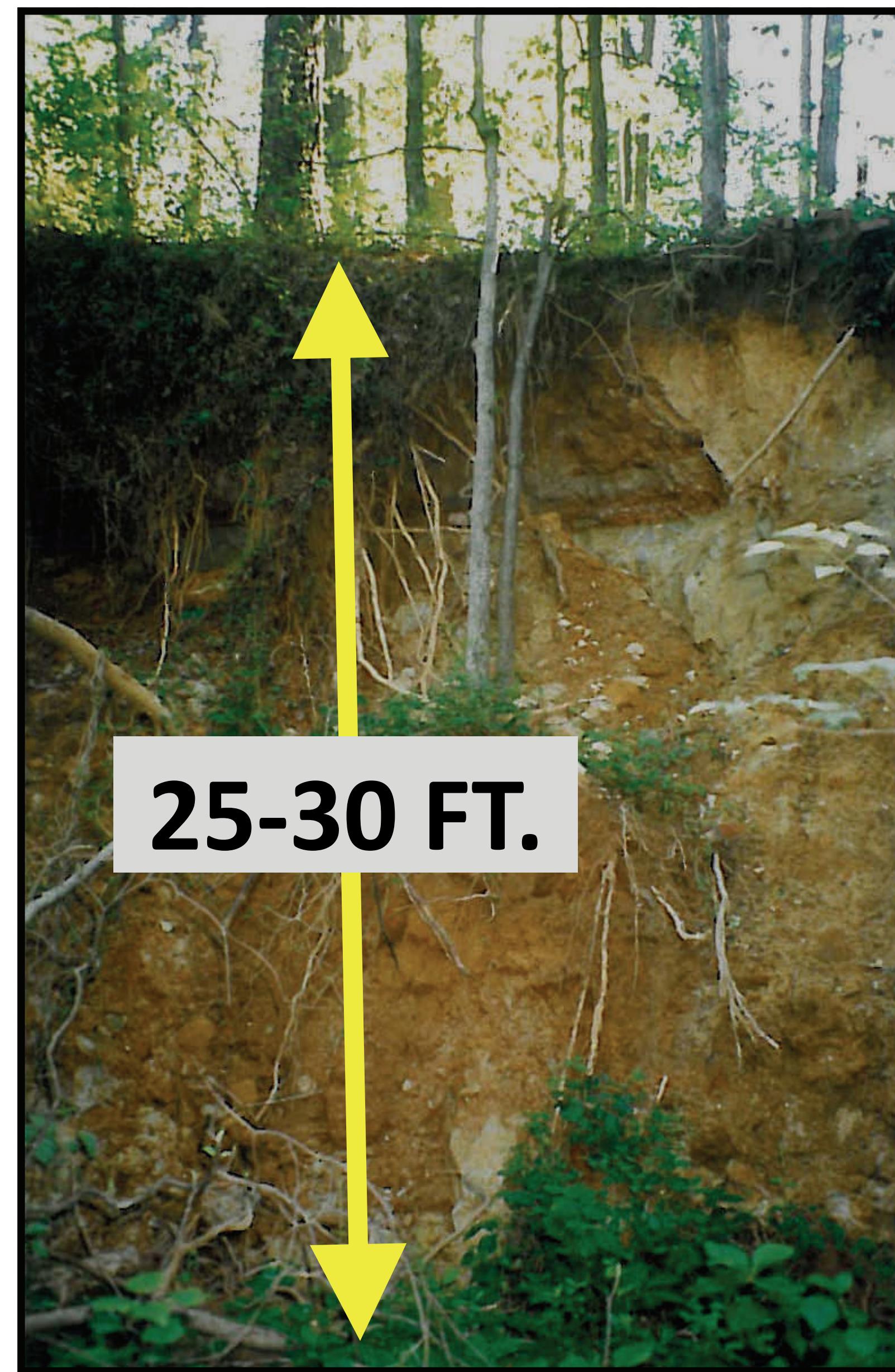
- Stormwater travels under the road through the culvert and into drainage swell. Ground is stable with vegetation, standing water pools to the rear of pasture.

- Water velocity picks up at rear of property and erodes soil. Mr. Farmer has used large blocks of concrete to slow the flow.

**Suggested that Mr. Farmer create some type of detention pond to slow down drainage.**

# 295 MERRYDALE ROAD

- A very attractive drainage ditch in the front yard, heading down toward culvert that outflows on side-yard property line where a very deep and wide channel has been created.



**The scale of this erosion is huge and requires expensive stream bank mitigation. Staff is looking for grants that can be used on private property.**

# 439 WESTBRIDGE ROAD



The property owner has Chairman Brown's cell phone number to call with any concerns.

•The front yard is being cut in half by construction of a new bridge on Westbridge Road. Steep slopes will drop from the property line to a concrete drainage system. The cut grade will be around 15-feet off of this side fence.

**We have assured the property owner that the County Engineer will inspect regularly to insure the drainage system is properly installed and functions as designed.**

# 1692 S. Highway 92

•The white canopies are seasonal but were charged as impervious area.  
•Drainage ditches are throughout the property draining to ponds.  
•Pond is at capacity and will not detain stormwater during a major rain event.



# AVALON DRIVE AND BRITTANY WAY, FAYETTE VILLA ESTATES



- Culvert is too small and rusting out causing flooding in basements and crawl spaces. Homeowner has complained since 2006.
- Rip-rap on the creek banks (other side of the culvert) has given way and erosion is evident.
- In 2011 County applied for a GEMA pre-disaster mitigation grant. Required only 25% match by county. Did not qualify because not enough damage incurred by homeowners.
- Failed attempt to correct the problem resulted concrete curb on both sides of the street never repaired.

